

ADMIRALTY COATINGS, INC.
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GEL OVERCOAT APPLICATION NOTE 3/8/2009

SAFETY: ALWAYS WEAR UV BLOCKING SAFETY GLASSES WHEN IN THE VICINITY OF AN OPERATING UV LIGHT SOURCE! Resource... Home Depot, Grainger etc., be sure the lenses wrap around the sides, are polycarbonate (99.99% UV Block) and tinted.

GELCOAT PREPARATION:

- a) Prepare gelcoat surface by lightly sanding with 600 grit wet/dry sand paper.
- b) Remove surface dust with "Microcloth" (available at most auto stores) DO NOT use "Tacky Cloth" as it leaves a residue which will negatively impact the adhesion of the GelOverCoat to the Gelcoat.
- c) Wipe surface with IPA to remove any residual wax and oils.

GENERAL COATING PREPARATION:

- a) DO NOT EXPOSE THE COATING TO DIRECT OR REFLECTED SUN'S RAYS.
- b) With a clean spatula, stir the coating to ensure components are properly dispersed.
- c) Brush Method: Applying by brush or applicator... pour the coating into a smaller container with a dispensing top, the container should be opaque and dark in color. A polycarbonate, aluminum or stainless steel container around 8 oz size will work well.
- d) Spray Method: Coating should be contained within an opaque (UV blocking) container.

NO SANDING METHOD WITH UV PROTECTION:

ADMIRALTY MARINE UV SHIELD (UV Blocking and GEL OVERCOAT Inter layer Adhesion)

1. Using a clean lint free soft cotton cloth pour some coating onto the cloth or the gelcoat surface and wipe on thoroughly in all directions.
2. WIPE off ALL EXCESS COATING no visible coating depth should be observed... an additional clean cloth may be required for this step.
3. Using the Admiralty Coatings Hand Held UV Light 1" to 2" above the surface pass the "light beam" over the entire area to be cured at a speed of about 2 inches per second... do this twice.
4. Repeat steps 1. - 3. as many times as needed... for interior use one or two coats, for tropical outdoor use seven to ten coats. This process is very quick so the number of coatings is not a practical concern. "DO NOT TRY TO CURE A THICK UV SHIELD COATING". This coating has to stop the sun's UV rays... but you are actually curing it with UV light, therefore there has to be no apparent thickness to any ONE coating to allow a full cure.

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NO SANDING METHOD WITH UV PROTECTION:

GEL OVERCOAT APPLICATION:

1. Pour a small amount of coating on top of the previous UV SHIELD coatings or on the brush or applicator to coat surface.
2. Allow the coating to flow out (10 - 30 sec.) if you see too many dust or lint particles in the surface you may wipe the coating off with a clean cloth and apply coating again.
3. When the coating looks perfect... using the Hand Held UV Light 1" to 2" above the surface pass the "light beam" over the entire area to be cured at a speed of about 2" per second... do this two or three times.

JOB COMPLETE!

Notes:

1. ALWAYS WEAR UV BLOCKING SAFETY GLASSES WHEN IN THE VICINITY OF AN OPERATING UV LIGHT SOURCE! Resources... Home Depot, Grainger etc., be sure the lenses wrap around the sides, are polycarbonate (99.99% UV Block) and dark.
2. Do not hold the UV Light "stationary" over any surface area as heat damage to the coating or substrate will occur.
3. If additional "VISUAL DEPTH" is desired... apply one additional coat of the UV SHIELD (wipe of all excess) and cure with UV Light... then apply and cure the GEL OVERCOAT.
4. This process can be repeated as many times as you wish... the UV SHIELD COATING provides inter layer adhesion to the GEL OVERCOAT so NO SANDING is necessary.
5. Do not allow the UV Light to shine on the coating in the container or on the applicators.
6. Providing the decanted unused coatings were not contaminated or partially cured (gummy) they can be returned to their original large containers for storage.
